
LIST OF NOTATIONS

Symbols	Definition
$l_{m,s}^t$	Load passenger at station s for mode m at time t_s
$b_{m,s}^t$	Number of boarding passengers at station s for mode m at time t_s
$a_{m,s}^t$	Number of alighting passengers at station s for mode m at time t_s
$s - 1, s, s + 1$	Previous, current, and next station
\sum	Summation operator
\mathbb{R}	Set of real numbers
p	Order of the autoregressive (AR) component in ARIMA
d	Degree of differencing in ARIMA
q	Order of the moving average (MA) component in ARIMA
AIC	Akaike Information Criterion, used for model selection
BIC	Bayesian Information Criterion, used for model selection
\hat{y}_t	Forecasted value at time t
y_t	Actual observed value at time t
n	Number of observations in the time series
h	Forecast horizon
$ x $	Absolute value of x